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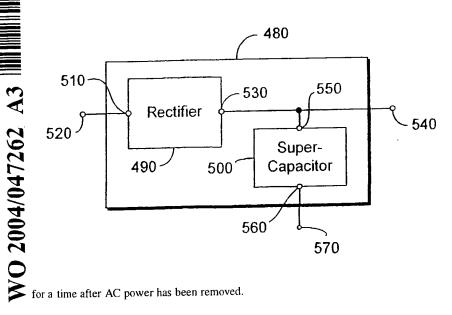
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(54) Title: RECTIFIER-SUPER CAPACITOR DEVICE FOR USE IN A POWER SYSTEM FOR A TELECOMMUNICATION **FACILITY**



(57) Abstract: The present invention is a device (480) that includes a rectifier (490) and a super capacitor (500) packaged together in a single housing. The device has a first connection point (520) that is coupled to the rectifier input. The output of the rectifier is coupled to a first side of the capacitor and to a second connection point (540) of the device. The second side of the capacitor is coupled to ground through a third connection point (570). The device is operable to receive AC power and provide DC power. Moreover, through the operation of the super capacitor, the device will provide DC power

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02J9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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"P" docum	means ent published prior to the international filing date but han the priority date claimed	in the art. "&" document member of the same	
Date of the	actual completion of the international search	Date of mailing of the internation	nal search report
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	Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Gentili, L	

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